10/532938 MPTO 28 APR 2005 JC14 Rec'd Case No.: CGL02/0267US012

38550 **Customer Number** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor:

Xiangsheng MENG

Application No.:

Unknown

Int'l Appl'n No.:

PCT/US2003/034470

Group Art Unit:

Unknown

Int'l Filing Date:

30 October 2003

Examiner:

Unknown

Title:

PROCESS FOR PREPARATION OF 1, 3-PROPANEDIOL

## Information Disclosure Statement

Mail Stop: PCT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Filing of Papers and Fees by Express Mailing

Pursuant to 37 CFR § 1.10, this application and the documents and fees listed on this transmittal letter are being deposited on the date indicated below with the United States Postal Service "Express Mail Post Office to Addressee" service addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box

1450, Alexandria, VA 22313-1450

Express Mail Label No .:

EL 760436786 US

Kimberly A. Hayes Signed by:

Pursuant to 37 CFR §§ 1.56, 1.97, and 1.98, enclosed is a completed Form PTO-Dear Sir: 1449, citing references submitted for consideration by the Examiner. Copies of any cited foreign patents, non-patent literature, and unpublished US application documents are enclosed. Pursuant to the waiver in the Pre-OG Notice, dated July 11, 2003, copies of US patents and published US patent applications are no longer required and are not enclosed. It is respectfully requested that the Examiner initial and return the enclosed Form PTO-1449 to indicate that each reference has been considered.

Applicants filed this Information Disclosure Statement ("IDS") within three months of the filing date of a national application. As a result, no fee should be required to file this IDS. However, in the event a fee is required, please charge the fee to Deposit Account No. 50-2342.

By:

Respectfully submitted

DeGrandis, Reg. No.:

Telephone No.: (952) 742-5402

CARGILL, INCORPORATED Law Department P.O. Box 5624

Minneapolis, MN 55440-5624 Facsimile No.: (952) 742-6349 Substitute for form 1449A/PTO (modified)

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 1 of 2

| TBA 10/532938    |
|------------------|
| 30 October, 2003 |
| MENG, Xiangsheng |
|                  |
|                  |
| CGL02/0267US01   |
|                  |

|                 |   |                  | U.S. Patent                                     | Documents  |   |  |
|-----------------|---|------------------|---|--|---|--|
| Exam.<br>Init.* | Cite No. Doc. Number-(Kind Code if Known) |                  | Publication Date or<br>Issue Date<br>MM-DD-YYYY | Name of Patentee<br>or Applicant of Cited Document | Pages, Columns, Lines, When<br>Relevant Passages or Relevan<br>Figures Appear |  |
|                 | A1  | US- 2,094,611    | 10-05-1937                                      | Lazier   |   |  |
| <del></del>     | A2  | US- 3,770,837    | 11-06-1973                                      | Favstritsky et al.                                 |   |  |
|                 | A3  | US- 4,326,072    | 04-20-1982                                      | Kruse et al.                                       |   |  |
|                 | A4  | US- 4,611,085    | 09-09-1986                                      | Kitson   |   |  |
|                 | A5  | US- 5,061,671    | 10-29-1991                                      | Kitson et al.                                      |   |  |
|                 | A6  | US- 5,066,815    | 11-19-1991                                      | Sayo et al.  |   |  |
|                 | A7  | US- 5,387,753    | 02-07-1995                                      | Scarlett et al.                                    |   |  |
|                 | A8  | US- 5,395,991    | 03-07-1995                                      | Scarlett et al.                                    | <u> </u>  |  |
|                 | A9  | US- 5,426,246    | 06-20-1995                                      | Nagahara et al.                                    |   |  |
|                 | A10                                       | US- 5,698,749    | 12-16-1997                                      | Pedersen et al.                                    |   |  |
|                 | A11                                       | US- 5,981,769    | 11-09-1999                                      | Baur et al.  |   |  |
|                 | A12                                       | US- 6,191,321    | 02-20-2001                                      | Forschner et al.                                   |   |  |
|                 | A13                                       | US- 6,288,266    | 09-11-2001                                      | Moore et al.                                       |   |  |
|                 | A14                                       | US- 6,355,848    | 03-12-2002                                      | Antons et al.                                      | ·   |  |
|                 | A15                                       | US- 6,376,414    | 04-23-2002                                      | Antons et al.                                      | · · · · · · · · · · · · · · · · · · ·   |  |
| <del></del> :   | A16                                       | US- 6,403,844    | 06-11-2002                                      | Zhang et al.                                       |   |  |
|                 | A17                                       | US- 2002/0087035 | 07-04-2002                                      | Cortright et al.                                   |   |  |
|                 | A18                                       | US- 6,617,478    | 09-09-2003                                      | Lee et al.   |   |  |
|                 | A19                                       | US-              |   |  |   |  |

|             |             |                              | Fo                         | oreign Patent    | Documents                                       | •  |                               |
|-------------|-------------|------------------------------|----------------------------|------------------|---|--|-------------------------------|
| Exam.       | Cite<br>No. | Dite Foreign Patent Document |                            | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant<br>Passages or Relevant | Translation<br>(Check if yes) |
| Init.*      |             | Ctry. Code                   | Number-KindCode (If known) | MM-DD-YYYY       | of Cited Document                               | Figures Appear   | · · · · ·                     |
|             | B1          | JP                           | 10015388A2                 | 01-20-1998       | Mitsubishi Chem<br>Corp                         |  | Abstract                      |
| <del></del> | B2          | JP                           | 11012207A2                 | 01-19-1999       | Standard Oil Co.                                |  | Abstract                      |
|             | В3          | GB                           | 2 362 157 A                | 03-20-2000       | Kvaerner Process<br>Technology                  |  |                               |

|     |    | _  |   |     |
|-----|----|----|---|-----|
| *=~ | 21 | mi | n | or. |

Date Considered:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|  | JC14 Rec           | : a PUI | <u> PIU Z</u> | 8.AF | 'R 70 |
|--|--------------------|---------|---------------|------|-------|
| Substitute for form 1449A/PTO (marified) | Application Number |         | 10/           | 53   | 29    |
|  | Intl' Filing Date  | 30 Oct  | ober, 200     | 3    |       |

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Page 2 of 2

| 99131100             | ATAM SO HER COUR |
|----------------------|------------------|
| Application Number   | 10/53293         |
| Intl' Filing Date    | so October, 2003 |
| First Named Inventor | MENG, Xiangsheng |
| Art Unit             |                  |
| Examiner Name        |                  |
| Attorney Case Number | CGL02/0267US01   |

|        |      |                         | F                          | oreign Patent    | Documents                     |  |                               |
|--------|------|-------------------------|----------------------------|------------------|-------------------------------|--|-------------------------------|
| Exam.  | Cite | Foreign Patent Document |                            | Publication Date | Name of Patentee or Applicant | Pages, Columns, Lines,<br>Where Relevant | Translation<br>(Check if yes) |
| Init.* | No.  | Ctry. Code              | Number-KindCode (If known) | MM-DD-YYYY       | of Cited Document             | Passages or Relevant<br>Figures Appear   | (Crisck ii yes)               |
|        | B4   | JP                      | 2001002603A2               | 01-09-2001       | Asahi Chem Ind Co<br>Ltd      |  | Abstract                      |
|        | B5   | JP                      | 2001002605A2               | 01-09-2001       | Asahi Chem Ind Co<br>Ltd      |  | Abstract                      |
|        | В6   | JP                      | 2001002604A2               | 01-09-2001       | Asahi Chem Ind Co<br>Ltd      | ·  | Abstract                      |

|                 | OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS |  |  |  |  |  |  |
|-----------------|---|--|--|--|--|--|--|
| Exam.<br>Init.* | Cite<br>No.                                     | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published |  |  |  |  |  |
|                 | C1  |  |  |  |  |  |  |
|                 | C2  |  |  |  |  |  |  |
|                 | СЗ  |  |  |  |  |  |  |
|                 | C4  |  |  |  |  |  |  |
| ,               | C5  |  |  |  |  |  |  |
| :               | C6  |  |  |  |  |  |  |
|                 | <b>C</b> 7                                      |  |  |  |  |  |  |
|                 | C8  |  |  |  |  |  |  |
|                 | C9  |  |  |  |  |  |  |
|                 | C10   |  |  |  |  |  |  |
|                 | C11   |  |  |  |  |  |  |
|                 | C12   |  |  |  |  |  |  |
|                 | C13   |  |  |  |  |  |  |
|                 | C14   |  |  |  |  |  |  |
|                 | C15   |  |  |  |  |  |  |
|                 | C16   |  |  |  |  |  |  |
|                 | C17   |  |  |  |  |  |  |
|                 | C18   |  |  |  |  |  |  |
|                 | C19   |  |  |  |  |  |  |

|            | <br> |                                 |                                      |
|------------|------|---------------------------------|--------------------------------------|
| *Examiner: |      | Date Considered:                |                                      |
|            | <br> | is in conformance with MPEP 609 | Draw line through citation if not in |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.